**3GPP TSG-RAN WG3 Meeting # 113-e *R3-214294***

**Online, 16-26 August 2021**

**Title:** DraftReply LS on Positioning Reference Units

**Response to:** LS on Positioning Reference Units (PRUs) for enhancing positioning performance (R3-213109)

**Release:** Rel-17

**Work Item:** NR\_pos\_enh

**Source:** RAN3

**To:** RAN1, RAN2

**Cc:** SA2

**Contact Person:**

**Name:** Yazid Lyazidi

**Tel. Number:** + 46 7 25 93 1234

**E-mail Address:** yazid.lyazidi@ericsson.com

**Send any reply LS to: 3GPP Liaisons Coordinator,** **mailto:3GPPLiaison@etsi.org**

**Attachments:**

**1. Overall Description:**

RAN3 thanks RAN1 for the LS on Positioning Reference Units (PRUs). Based on the information given by RAN1, RAN3 discussed PRUs and would like to provide the following feedback:

If the PRU is realized as a UE (from LMF perspective), then RAN3 believes there are no RAN3 specification impacts.

Otherwise, if the PRU functionality is part of the gNB (from LMF perspective) e.g., realized as a TRP, then RAN3 specification impacts (if any) would require further evaluation.

Since the PRU may support, at least, some of the Rel-16 positioning functionalities of UE, RAN3 currently assumes that the PRU is realized as a UE, pending confirmation by RAN2.

**2. Actions:**

**To RAN1 and RAN2**

**ACTION:** RAN3 kindly asks RAN1 and RAN2 to take the above into account.

**3. Date of Next TSG-RAN WG3 Meetings:**

TSG-RAN WG3 Meeting #114-e November 2021 E-Meeting

TSG-RAN WG3 Meeting #114bis-e January 2022 E-Meeting